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Poultry Science and Fur-Bearing Animals

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Introduction

Great news! Ms. Becky Prior has joined the Livestock and Veterinary Sciences staff as the secretary for Gary Weber (Animal Sciences) and myself. Becky was a temporary employee with the ES secretarial task force, and was hired as a permanent employee on April 11.

This issue has the regular collection of information on material that is available, meetings, and opportunities. There has been some confusion regarding the successful distribution of information on the First National Extension Workshop, so that flier is enclosed.

Scholarship Programs

1) Indian River

Indian River International has released details of its 1988 Poultry Science Scholarship program, which includes \$1,000 each to be awarded to two successful applicants.

Application blanks and rules of the program may be obtained from University Poultry Science and Animal Science departments or by writing to Indian River International, P.O. Box 828, Nacogdoches, Texas 75963, (409) 569-8272. Source: Poultry Times, January 11, 1988.

2) 1988 National 4-H Scholarship Program

Donors for the 1987 National Poultry Awards Program Rap session were: A.L. Laboratories; American Farm Bureau Federation; American Poultry Historical Society; Bil-Mar Foods, Inc.; Midwest Poultry Federation; Wallace H. Jerome Foundation, Inc.; Wisconsin Turkey Federation; and the World's Poultry Science Federation. Money in excess of that needed for the Rap Session is being offered in the form of two \$1,000 scholarships, to 4-Hers in the U.S. and Puerto Rico.

To be eligible, the person must be a freshman in college; must have participated in poultry related projects; and must submit a high school transcript. (See National 4-H Scholarship Programs Checklist) For a more complete description of the objectives, and to apply for these scholarships, contact: Poultry Industry Associates, c/o Mr. Kevin Stiles, National 4-H council, 7100 Connecticut Avenue, Chevy Chase, MD 20815

3) Public Employees Roundtable

Public Employees Roundtable (PER) has launched its third annual scholarship program to encourage bright and talented college students to pursue careers in government service. The scholarships, funded by corporate friends of PER, will be awarded at a Capitol Hill reception in the Cannon House Building Caucus Room on Thursday, July 28, 1988. This year PER will award \$25,000 in scholarship monies.

Candidates must be pursuing either an undergraduate degree at a four year college or university or a graduate degree, and must plan to pursue a career in government. Candidates must write a short essay titled "Why I Have Chosen to Pursue a Government Career." Interested students may obtain applications from the office of their Congressional representative or directly from PER at P.O. Box 6184, Ben Franklin Station, Washington, D.C. 20044. For more information, call Joan Keston at (202) 535-4324.

The deadline for submission of all materials is May 13, 1988. If too late for this year, the information will allow you to be organized for the competition in 1989. Source: Ag Reporter, Vol. 40, No. 4, April 1988, page 1.

Federal Register

1) Halofuginone and Bacitracin Methylene Disalicylate

In a final rule, effective April 5, 1988, the Food and Drug Administration (FDA) is amending the animal drug regulations to reflect approval of a new animal drug application (NADA) filed by Hoechst-Roussel Agri-Vet Co. The NADA provides for the use of halofuginone hydrobromide in combination with bacitracin methylene disalicylate in Type C broiler feeds for the prevention of coccidiosis, and improved feed efficiency. For further information, contact: Lonnie W. Luther, Center for Veterinary Medicine (HFV-128), Food and Drug Administration, 5600 Fishers Lane, Rockville, MD 20857, (301) 443-4317. Source: Federal Register, Vol. 53, No. 65, Tuesday, April 5, 1988, page 11065.

2) Glucono Delta-Lactone in Poultry Products

In a final rule, effective April 8, 1988, the Food Safety and Inspection Service (FSIS) is amending the Federal meat inspection regulations and the poultry products inspection regulations to permit the use of glucono delta-lactone as an acidifier in meat food and poultry products. The Food and Drug Administration has affirmed glucono delta-lactone as generally recognized as safe (GRAS) for use as a direct human food ingredient. FSIS has determined that it is now appropriate to add glucono delta-lactone to the tables of

substances as an alternate acidifier in the aforementioned binder matrix, and to the list of acceptable acidifying agents in the Federal meat and poultry products inspection regulations. For more information, contact: Ms. Margaret O'K. Glavin, Director, Standards and Labeling Division, Technical Services, Food Safety and Inspection Service, U.S. Department of Agriculture, Washington, D.C. 20250, (202) 447-6042. Source: Federal Register, Vol. 53, No. 46, Wednesday, March 9, 1988, pages 7493-7495.

Enclosures

- 1) How to Get Information from the USDA
This list is being provided to all Extension personnel. The list gives sources of information in the U.S. Department of Agriculture and its various agencies, and includes names of the various Freedom of Information Act offices. Agencies listed include: Economics and Statistics Services; Food and Consumer Services; Marketing and Inspection Services; and, Science and Education. To obtain additional copies, contact the Office of Information, USDA, Room 402-A, Washington, D.C. 20250, (202) 447-7454; or call the USDA Information Center at (202) 447-2791.
- 2) National Academy Press
The National Research Council regularly publishes the Nutrient Requirements of Domestic Animals Series, as well as other reference materials. An order form and annotated bibliography has been enclosed for all Extension personnel. Others may obtain a copy by writing: National Academy Press, 2101 Constitution Avenue NW, Washington, D.C. 20418; (202) 334-3313.
- 3) National Poultry Improvement Plan (NPIP)
The Department Chair or Poultry Project Leader in each state has been sent the following titles:

APHIS 91-41; NPIP 1988 Directory of Participants Handling Egg-Type and Meat-Type Chickens and Turkeys.

APHIS 91-42; NPIP 1988 Directory of Participants Handling Waterfowl, Exhibition Poultry and Game Birds.

APHIS 91-43; NPIP 1988 Tables on Hatchery and Flock Participation 1985-1986 and 1986-1987.

APHIS 91-40; NPIP and Auxiliary Provisions will soon be available.

To order one or more copies of these publications, contact: Dr. Irv Peterson, USDA/APHIS/VS, Room 848 Federal Center Building, 6505 Belcrest Road, Hyattsville, MD 20782, (301) 436-5140; if Pete is not available, ask for Marlene Busiak.

4) USDA/NAL Bibliographic Series, Current List

The May 1987-April 1988 List of Quick Bibliographies available from the National Agricultural Library (NAL) is enclosed to all Extension Personnel. Quick Bibliography topics include; policy; alternative crops; animal welfare; biotechnology; waste management; small farms; personnel; and computers. For more information, write to: Reference Section, Room 111, USDA/NAL, 10301 Baltimore Boulevard, Beltsville, MD 20705; (301) 344-3704.

5) Cooperative State Research Service (CSRS) Graduate Fellowships Grants

The CSRS Food and Agricultural Sciences National Needs Graduate Fellowships Grants Program, Administrative Provisions, Final Rule is enclosed to the Department Chairpersons or Poultry Project Leader. This information is available in the Federal Register, Vol. 52, No. 30, Friday, February 13, 1987, pages 4712-4716. The purpose of this program is to make competitive grants available to U.S. colleges and universities to administer and conduct graduate fellowship programs to help meet the Nation's needs for development of scientific and professional expertise in the food and agricultural sciences. The issuance of this rule established the procedures and deadlines to follow in the solicitation of proposals, their evaluation, and the method to award graduate fellowships. For more information, contact: Dr. K. Jane Coulter, USDA/Office of Grants and Programs Systems, Higher Education, Room 350-A, Administration Building, Washington, D.C. 20250, (202) 447-7854

6) Humane Society of the United States (HSUS) Recommended Standards

Enclosed to the Department Chair or Poultry Project Leader is this draft of how some would have the industries raise livestock and poultry. Could this be an attempt to get a reaction from animal producers, e.g. for self regulation? Many animal producers believe regulation of producers should come only from the marketplace (demand for commodities raised in a certain manner) and NOT from legislation.

7) Agricultural Guide to Washington

Elanco Products Company has recently made available this guide that lists whom to contact and where, for the 100th Congress. Senators and Representatives are listed with their address and telephone number. House and Senate committees and subcommittees that influence agricultural policy are listed, their purpose briefly defined, as are the ranking legislators. The contact person and address is included for Departments, various Boards or Commissions, and Trade Associations. They also describe the correct format to use when writing to your legislators. This information is being

provided to all Extension personnel, courtesy of Elanco. To obtain additional copies, write to: Ms. Karen Furgeson, Elanco Products Company, A Division of Eli Lilly and Company, Lilly Corporate Center, Indianapolis, Indiana 46285-2232; (317) 276-3000.

8) Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching

The Department Chairperson of Poultry Project Leader has been provided with a copy of this document. As you recall, this Guide was presented at the Poultry Science Association Annual Meeting in Corvallis, Oregon for our immediate review and comment.

I encourage you to carefully review this Guide, and provide appropriate input to the committee responsible for its content.

Additional copies of the Guide may be obtained at a cost of \$5 per copy from: Association Headquarters, 309 West Clark Street, Champaign, IL 61820

Material Available

1) National Academy Press

A) An annotated listing, entitled New and Recent Books for Spring/Winter 1988, has been released by the National Academy Press. This 36 page booklet also briefly describes the background and purpose of National Academy of Sciences, National Academy of Engineering, Institute of Medicine, and the National Research Council. New titles include: Technology and Agricultural Policy; The Changing American Market for Animal Products; and Use of Laboratory Animals in Biomedical and Behavioral Research. Selected backlist titles include: Biotechnology: An Industry Comes of Age; Predicting Feed Intake of Food-Producing Animals; and the Nutrient Requirements...series. Order this booklet from the address in part 2 of the Enclosures section.

B) National Academy Press Complete Catalog of Books and Periodicals. Over 500 titles are listed in the 30 page catalog. Topic areas include: Agricultural, Behavioral and Computer Sciences; Environmental Issues; and Special Reports, Directories, and Bibliographies. Order this catalog from the address in part 2 of the Enclosures section.

2) Designing Foods: Animal Product Options in the Marketplace

This 384 page book, published by the National Research Council, has been provided under separate cover by ES-Agricultural Programs, Livestock and Veterinary Sciences to Department Chairpersons or the Poultry Project Leader. Contents include: Current Trends in Consumption of Animal

Products; Policies Affecting the Marketplace; and Existing Technological Options and Future Research Needs; Appendices address various subjects such as the Technological Options for Improving the Nutritional Value of Poultry Products. The ISBN number is: 0-309-03795-9; 1988. You may order a copy from the address in part 2 of the Enclosures section

3) Controlling Rabbit Damage

D. D. Fisher and R. M. Timm of the University of Nebraska have published this 4 page guide that outlines the identification of cottontail and jackrabbits, the damage caused, and control measures. Copies or more information may be obtained by contacting the authors at: Cooperative Extension Service, Institute of Agriculture and Natural Resources, University of Nebraska, Lincoln, Nebraska 68583-0820.

4) The Compound Evaluation System

This 20 page document describes the compound evaluation system of the USDA/FSIS. It was developed by the Residue Evaluation and Planning Division, Science Program, 300 12th Street, SW, Washington, D.C. 20250. I encourage you to obtain a copy and pay particular attention to the first two paragraphs of the Introduction. When discussing animal drugs and biologics, they indicate "...growth-promoting compounds are frequently used to...", and that "Livestock and poultry may be exposed to these chemical or biological products, either directly as boluses, injectables, implants..." Could this information result in consumers believing the poultry industry commonly uses boluses and implants? The publication discusses the need for compound evaluation and ranking, the basic approach for compound ranking, the impact on public health (hazard; exposure characterizations) and example forms.

5) Sludge Dewatering for Processors

This is the subject of a new Poultry Engineering Research Review. The review discusses a new sludge dewatering technique, Thermally Enhanced Dewatering (TED). To order a copy contact Stephanie Babbitt, Agricultural Research Program, EHSD, Georgia Institute of Technology, GTRI/EDL, Atlanta, GA 30332, (404) 894-3412

6) Prevention and Control of External Parasites in Pigeons

Syed Bokhari, University of California Cooperative Extension, has written a 27 page mimeograph describing the detection, life cycle, behavior, signs, and preventive measures for mites, ticks, fleas, bed-bugs, pigeon flies, beetles, and mosquitos. To obtain a copy, or for more information, contact the author as listed in your directory.

- 7) Western Poultry History
This 400+ page book, scheduled for completion by May 1, is a comprehensive history of the poultry industry in the Western U.S. To order a copy, or for more information, contact: George Biddle, Chairman, Western Poultry History Commission, c/o Pacific Egg and Poultry Association, 1620 N. Carpenter Road, Suite A-4, Modesto, CA 95351-1153. The price is \$25 per copy.
- 8) Poultry Computer Projection Programs
A new series of poultry projection programs has been released by Clemson University. This series contains programs for broiler breeders, layers, pullets, turkeys, squab, quail growout, quail breeder, hatchery, and rabbits. By changing input data values, the quail programs can easily be adapted to use for other game bird species. This series of programs is PC-DOS/MS-DOS compatible. The current version is 88.03.01. If you would like copies of these programs, please send 2 diskettes to: E. L. Nichols, Extension Poultry Coordinator, Poultry Science Department, Clemson University, Clemson, SC 29634-0379, (803) 656-4026.
- 9) Arkansas Farm Research
This magazine is a bimonthly publication of the Arkansas Agricultural Experiment Station. The January/February, 1988 issue (Vol. 37, No. 1,) is primarily devoted to poultry. To obtain a copy at no charge, write to: Publications, A-110, University of Arkansas, Fayetteville, AR 72701, (501) 575-5647.
- 10) Good Neighbors Protect Poultry
New posters and fliers "Good Neighbors Protect Poultry" have been received from the printers and are now available for distribution. Copies can be obtained by contacting Ms. Paulette Gould, Printing and Distribution Section, Room G-186, Federal Building, Hyattsville, MD 20782 at FTS 436-5908. Veterinary Services is distributing them to its regional offices for distribution to the field.

Dr. M. Mixon, Chief Staff Veterinarian, Emergency Field Operations, Veterinary Services, APHIS, has requested your assistance in distributing this information to local extension, or other appropriate personnel.
- 11) Rare Breeds Journal
This bimonthly journal has information on exotic and minor breeds of animals and poultry. For more information, contact: Maureen Neidhardt, Editor, Rare Breeds Journal, HCRI, Box 45, Hebron, ND, 58638.

Assistance
Requested!

Wisconsin

The University of Wisconsin's poultry research facilities were originally equipped with the "Johnson Cup" type waterers. Most of the replacement units and parts have now been used and they are no longer manufactured. If you have any--either chicken or turkey sizes--units or parts, we would appreciate knowing of their availability. Contact Dr. Bernie Wentworth, Chair. Phone (608) 262-1243.

Opportunities

Please share this information with your students. This is general information, with no specific deadline.

1) USDA/Agricultural Marketing Services' Poultry Division

The Agricultural Marketing Services' Poultry Division routinely hires individuals for poultry grader, shell egg grader, and egg products inspector positions. Graders/Inspectors compare the quality or condition of poultry shell eggs, or egg products with the official standards and related regulations to determine their official U.S. Grade and/or acceptability. The graders/inspectors inspect production samples of the product and other specific conditions required by official standards, regulations, or purchase contracts. They may also determine if processing, packaging, and labeling requirements are being followed and if sanitary requirements and contract provisions are being met. Entry level positions are at the GS-5 and GS-7 levels. For more information, contact: U.S. Department of Agriculture, APHIS, Field Servicing Office, Examining Unit, Butler Square West, 5th Floor, 100 North Sixth Street, Minneapolis, MN 55403, (612) 370-2212. Request Announcement Number 453; SF-171, Application for Federal Employment; and OPM Form 1170/37, Supplemental Qualifications Statement, Agricultural Commodity Grader.

2) USDA/Agricultural Marketing Services' Market News Service, Market News Reporter

Poultry and egg market news - a service of USDA and cooperating State agencies - consists of daily, weekly, monthly, and annual reports on price, supply and demand, quality, and market conditions for poultry and egg products. As a Poultry Market Reporter, you would interview buyers and sellers of poultry and egg products to obtain information on market prices and volume of transactions. You would collect, compile, and summarize information relative to market conditions, prices, receipts, shipments, etc., on poultry and egg products for daily, weekly, and monthly dissemination.

To qualify for an entry level GS-5 position, you must have had 3 years of general experience that demonstrated knowledge of marketing practices and conditions relating to poultry products or undergraduate study. One year of full-time graduate study in the marketing of poultry products or closely related fields is needed to qualify for GS-7 positions. Also qualifying is any time-equivalent combination of experience and education defined above. Office Locations are in: Bell, CA; Chicago, IL; Atlanta, GA; Kansas City, MO; Des Moines, IA; and, Edison, NJ.

If you are interested in a Poultry Market Reporter Job, submit an SF-171, Application for Federal Employment, to: U.S. Department of Agriculture, Agricultural Marketing Service, Poultry Division, Market News Branch, Room 3949-South Building, 14th and Independence Avenue, SW, Washington, D.C. 20250, (202) 447-5767.

Grant Money

- 1) FDA Accepting Proposals On Veterinary Drug Residue Safety Evaluations
The Food and Drug Administration (FDA) has announced it is now accepting applications for funding of cooperative agreements to develop procedures for safety evaluations of bound veterinary drug residues. The objective of the agreements will be to provide financial assistance to investigators conducting research on new models, procedures, or combinations of models and procedures that can be used to evaluate the safety of drug residues that are bound to tissues of food-producing animals. According to FDA, Approximately \$300,000 will be available for funding in fiscal year 1988 and support for the program may be available for a period of up to three years. Source: National Broiler Council Newsletter, Vol. 24, No. 14, April 1, 1988; NBC, Madison Building, 1155 15th Street, NW, Washington, D.C. 20005, (202) 296-2622.
- 2) Request for Proposals for the Southern Region USDA-Low Input Agricultural Systems Research and Education Program
The Southern Region is requesting proposals for research and education programs for plant and animal production systems of current or potential importance for the region. These proposals should be consistent with the goals of the national program on low-input agricultural systems and the priorities established for the Southern Region. Unique programmatic emphases include encouragements to develop closer relationships between research and Extension, enhanced involvement and cooperation with the farmer, and meaningful involvement in research and/or education by private institutions and organizations in the region. In addition, the emphasis of the research/education is on agricultural production systems, not just component research. This should

not, however, preclude some needed component research and education activities. The deadline for proposals is May 31, 1988. For more information, contact: Dr Charles W. Laughlin, Associate Director, The University of Georgia, Agricultural Experiment Stations, 107 Conner Hall, Athens, GA 30602, (404) 542-5421.

Individuals in other regions should check with their administrators regarding the availability of similar funding for their projects.

Information
Available

International Hatchery Practice

International Hatchery Practice was launched in 1986 to provide hatcheries and poultry breeders with their own technical publication. This magazine has practical information and it is written in an easy to read style that explains the highly technical subjects of modern breeding and hatching. Recent issues have featured: Automation in the hatchery; Hatchery security; Probiotics; Vaccines; Staff motivation; Computers for effective management; and Game incubators.

For more information, contact: Subscriptions Office, International Hatchery Practice, PO Box 4 Driffield YO25 8BJ, Humberside England.

Meetings

1) Southeastern Poultry and Egg Association

A) Financial Management Seminar, June 13-15

Southeastern's Financial Management Seminar ensures that financial managers for poultry and egg firms are up to date. The 1988 Financial Management Seminar begins with registration Sunday, June 12 from 5:00 p.m.-7:00 p.m. at the Bay Point Marriott, in Panama City, Florida. Classes begin at 8:30 a.m., Monday, and the seminar concludes at noon Wednesday, June 15. General sessions will feature in-depth presentations, which include: Managing the export process; and, New product development. A series of small group workshops will examine other important issues. For example: Measuring customer profitability; Grain futures/hedging; Commercial egg issues in marketing and processing; Standard cost systems for poultry processing; Process control; and Distribution accounting. For more information, contact: Southeastern Poultry & Egg Association, 1456 Church Street, Decatur, GA 30030, (404) 377-6465.

B) Poultry Processor Workshop

The 1988 Poultry Processor Workshop will be held May 19-20, at the Omni Hotel in Atlanta. This year's Workshop focuses on practical ways to enhance the efficient operation of your plant. General sessions include: What does top management expect from plant management?; Water Consumption; Avoiding the pitfalls of NELS and double shifts; Killing, stunning, picking: Impact on yield; Sanitation and microbiological concerns; and a USDA panel. For more information, contact Southeastern as in 1) A.

2) 57th Annual Eastern Shell Egg Quality School

This four day school will be held June 5-8, at the Carousel Hotel, in Ocean City, Maryland. Certificates will be awarded upon successful completion of the course, which will consist of class and laboratory sessions. Subjects to be covered include: Egg formation; Egg quality; Interior and external egg quality determination; Conserving egg quality; Cholesterol; Grades; Egg composition and Quality; Weight classes; Egg cleaning; and Reducing egg shell damage.

For more information, or to enroll, contact: Eastern Shell Egg Quality School, Southern United Egg Producers, Suite 205, 3761 Venture Drive, P.O. Box 957253, Duluth, GA 30136, (404) 476-2771.

3) General Computer Systems Management Seminar

The seminar is specifically designed for directors, managers, and supervisors interested in exploring the relationship of computers to vivarium management. Interactive methods of study will provide laboratory animal administrators with the opportunity to share their expertise in solving the complex problems encountered in the computerized animal care facility.

The GCS Management Seminar is being held in San Antonio, Texas on June 23 and 24, 1988, at La Mansion del Rio, 112 College Street, San Antonio, TX 78205, (512) 225-2581. The Room Rate is \$105 per night, and the GCS tuition fee is \$700. For more information, contact: General Computer Systems, Inc., Attention: Marketing Department, P.O. Box 3355, Edmond, OK 73083, (800) 274-2273.

4) Ohio Rabbit School

The Ohio Rabbit School will be held June 11, 1988, at the OARDC Fisher Auditorium, in Wooster, Ohio. Sponsors are, the Ohio State University, Ohio Agricultural Research and Development Center, and the Ohio Cooperative Extension Service. Topics include: What's ahead for commercial rabbits in the United States; Nest box behavior and management;

Practical rabbit housing; Fuzzy Lops; Artificial insemination; Improving production of the doe; and Marketing. Workshop topics include: Cleanliness in the rabbitry; Raising superior Satins; and Nutrition of rabbits. A special hands-on program for youth is planned. Registration fee for the Ohio Rabbit School is \$3 for adults. There is no charge for youth. For more information, contact: Phil Renner, Department of Poultry Science, The Ohio State University, Ohio Agricultural Research and Development Center, Wooster, OH 44691, (216) 263-3754.



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Enclosures